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- IV. Kresge-Hooker Science
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cl. 16-C-1 (13-A-22) (16-C-15) (13-B-15) appl. no.
13661/1959 filed 30 Apr 59, pub. 5 July 62, by Maruzen
Sekiya Co.

DESCRIPTORS: *Xylenes, Manufacturing methods,
Molecular isomerism, Purification, Fractionation,
*Crystallization, *Tanks (Containers), Refrigeration
systems, Design

(Engineering--Chemical, TT, v. 10, no. 7)

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- I. Kato, N.
- II. Hayashi, K.
- III. Patent (Japan)
pub. 57-7 221
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I. CATALYTIC ACTION OF AMINES IN THE GLYCOL-ETHYLENE OXIDE AND DIETHYLENEGLYCOL-ETHYLENE OXIDE SYSTEMS. Rept. 5 of Study on Polyethyleneglycols [and the Derivatives]. [1962] [13]p. (foreign text included) 6 refs.

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DESCRIPTORS: *Catalysts, *Amines, Polymers, *Ethylenes, *Glycols, *Oxides, Manufacturing methods, *Industrial production.

(See also 62-18192)

(Chemistry--Organic, TT, v. 9, no. 4)

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- II. Title: Catalytic ...
- III. Title: Study ...

C227720

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DESCRIPTORS: *Catalysts, *Amines, Polymers,
*Ethylenes, *Glycols, *Oxides, Manufacturing methods,
*Industrial production.

(See also 62-18193)

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- II. Title: Catalytic ...
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PHENOL RESIN MANUFACTURING METHOD.
[1963] 7p.

Order from OTS or SLA \$1.10

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Trans. of Japanese patent publication SHO 37-16, 191,
pub. 10 Oct 62, (application SHO 36-8, 170, 13 Mar 61)
by Tokyo Shibaura Electric Co.

DESCRIPTORS: Phenolic plastics, Phenol-formalde-
hyde resins, Thermosetting plastics, Catalysts,
Ammonia.

The invention concerns a synthetic phenol resin
manufacturing method wherein halfway in a reaction
taking place, with an alkaline catalyst employed,
between 1 mol of phenol and from 1.0 to 1.4 mol of
formaldehyde, 0.4 to 1.4 mol of formaldehyde is again
added and the catalyst is replaced by an acid catalyst,
while from 0.4 to 1.0 mol of ammonia is continuously
projected therein for further reaction. (Abstract)

63-16321

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Materials--Plastics, TT,
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Trans. in French of Denki Kagaku (Japan), 1955, v.23,
no.11, p.570-574.

DESCRIPTORS: *Metals, Electric potential, Salts,
Solutions, *Corrosion, Iron, Electrolytic polishing.

(Metallurgy--Corrosion, TT, v. 11, no. 6)

TT-62-28151

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European Translations Centre

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Műszaki Tudományok Osztályának Közleményei,
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JPRS 9296

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Trans. of Papir es Nyomda[technika] (Hungary) 1955,
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DESCRIPTORS: *Fibers, Determination, *Cellulose,
Manufacturing methods, Mechanical properties, *Paper
industry.

A close correlation is established between the size of
chips, the fibres produced therefrom, and the average
fibre-length. This correlation is expressed in an
easily managed mathematical formula. By means of
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the original fibre-length of the plant can be calculated
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DESCRIPTORS: *Nutrition, *Phosphoric acids, Growth,
Rats.

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Substitution, by G. S. Katrukha and A. B. Silayev,
p 7

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5 PP.

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JPRS 17613

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Econ - relative labor productivity
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DAYS, BY SINGLE-TYPE INITIAL MACROPROCESSES
(Osobennosti Empiricheskikh Funktsii Vliyaniya na
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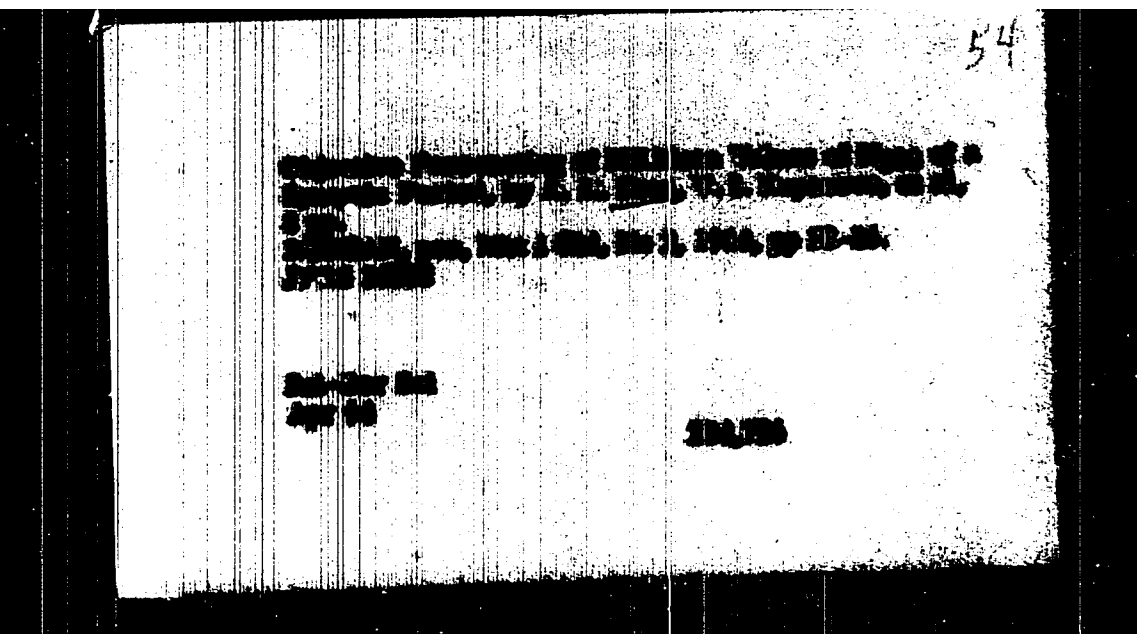
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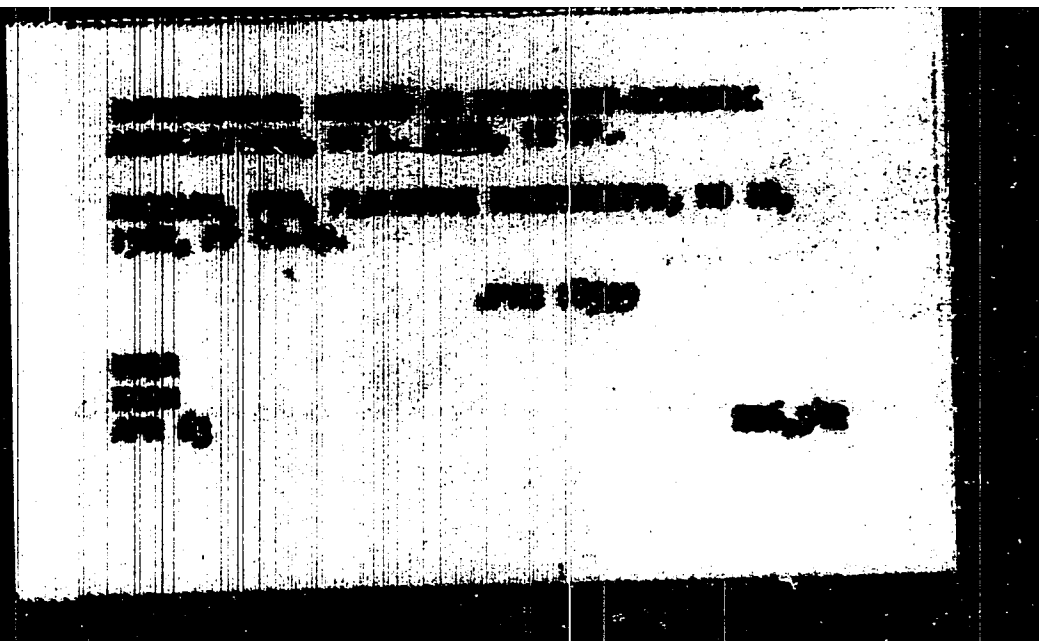
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